

## Contents of Volume 22

- Abraham, W. C. See Kerr, D. S.
- Alberts, J. R. See Ronca, A. E.
- Almeida, S. S., Garcia, R. A., Cibien, M. M. R., De Araujo, M., Moreira, G. M. S., & De Oliveira, L. M. **The ontogeny of exploratory behaviors in early-protein-malnourished rats exposed to the elevated plus-maze test** ..... 283
- Alyan, S. H. **Evidence against instantaneous transfer of spatial knowledge in the house mouse (*Mus musculus*)** ..... 328
- Amassari-Teule, M. See Rossi-Arnaud, C.
- Arikoski, J. See Penttonen, M.
- Azorlosa, J. L., Hartley, N. E., & Deffner-Rappold, C. **Context-specific morphine tolerance and withdrawal: The effects of interdose interval** ..... 304
- Berman, R. F. See Hall, J. L.
- Bilkey, D. K. See Wiig, K. A.
- Blokland, A., Honig, W., & Raaijmakers, W. **Age-related changes in spatial discrimination learning performance in Lewis rats** ..... 149
- Blumenthal, T. D., & Flaten, M. A. **Selective effects of attentional direction on the startle reflex at different stages of processing** ..... 338
- Blumenthal, T. D. See Schicatan, E. J.
- Bond, N. W. See Hodgson, D. M.
- Borrás-Valls, J. J., Salvador, A., & Simón, V. M. **Acute and chronic effects of clomipramine on isolation-induced aggression in male mice** ..... 226
- Campbell, B. A. See Hunt, P. S.
- Choe, S. See Dess, N. K.
- Church, M. W. See Hall, J. L.
- Cibien, M. M. R. See Almeida, S. S.
- Coffin, J. M. See Woodruff-Pak, D. S.
- Cox, J., Guthrie, R., Macrae, M., & Kehoe, E. J. **MK801 impairs acquisition and expression of conditioned responses in the rabbit nictitating membrane preparation** ... 156
- Craft, S., Murphy, C., & Wemstrom, J. **Glucose effects on complex memory and nonmemory tasks: The influence of age, sex, and glucoregulatory response** ..... 95
- Crews, W. D., Jr., & Harrison, D. W. **Sex differences and cerebral asymmetry in facial affect perception as a function of depressed mood** ..... 112
- Dahl, D., & LeCompte, B. B., III. **Cholecystokinin and response modifications in hippocampal field CA1**... 134
- De Araujo, M. See Almeida, S. S.
- Deffner-Rappold, C. See Azorlosa, J. L.
- Deller, M. See Fleming, A. S.
- Demakis, G. J., & Harrison, D. W. **Subvocal rehearsal of neutral and affective words interferes with left-hemisphere performance and facilitates right-hemisphere performance** ..... 238
- De Oliveira, L. M. See Almeida, S. S.
- Dess, N. K., & Choe, S. **Stress selectively reduces sugar + saccharin mixture intake but increases proportion of calories consumed as sugar by rats** ..... 77
- Destrade, C. See Messier, C.
- Diamond, D. M., & Rose, G. M. **Does associative LTP underlie classical conditioning?** ..... 263
- Evans, R. B. See Hunt, M. E.
- Flaherty, C. F., Krauss, K. L., & Hill, W. **Performance of Zucker rats in two consummatory contrast paradigms** ..... 167
- Flaten, M. A. See Blumenthal, T. D.
- Fleming, A. S., Korsmit, M., & Deller, M. **Rat pups are potent reinforcers to the maternal animal: Effects of experience, parity, hormones and dopamine function** ... 44
- Fleming, A. S., Kuchera, C., Lee, A., & Winocur, G. **Olfactory-based social learning varies as a function of parity in female rats** ..... 37
- Foo, H., & Westbrook, R. F. **The form of the conditioned hypoalgesic response resulting from preexposure to a heat stressor depends on the pain test used** ..... 173
- Garcia, R. A. See Almeida, S. S.
- Gisquet-Verrier, P., & Schenk, F. **Selective hippocampal lesions in rats do not affect retrieval processes promoted by prior cuing with the conditioned stimulus or the context** ..... 289
- Goldstein, R. See Raz, S.
- Gordon, T. L. See Meehan, S. M.
- Guthrie, R. See Cox, J.
- Hall, J. L., Church, M. W., & Berman, R. F. **Radial arm maze deficits in rats exposed to alcohol during midgestation** ..... 181
- Harrison, D. W. See:  
Crews, W. D., Jr.  
Demakis, G. J.
- Hartley, N. E. See Azorlosa, J. L.
- Hess, M. F. See Hunt, P. S.
- Hill, W. See Flaherty, C. F.
- Hodgson, D. M., & Bond, N. W. **The role of loss of control and predictability in the hypoalgesic response to non-contingent food delivery in rats** ..... 232
- Honig, W. See Blokland, A.

- Hopkins, T. L. See Raz, S.
- Hugdahl, K. See Penttonen, M.
- Huggett, A. M. See Kerr, D. S.
- Hunt, M. E., Kesner, R. P., & Evans, R. B. **Memory for spatial location: Functional dissociation of entorhinal cortex and hippocampus** ..... 186
- Hunt, P. S., Hess, M. F., & Campbell, B. A. **Autonomic mediation of unconditioned and conditioned heart rate responses in the 16-day-old rat** ..... 209
- Johannesen, T. S. See Myhrer, T.
- Kehoe, E. J., & Macrae, M. **Classical conditioning of the rabbit nictitating membrane response can be fast or slow: Implications for Lennartz and Weinberger's (1992) two-factor theory** ..... 1
- Kehoe, E. J. See Cox, J.
- Kerr, D. S., Huggett, A. M., & Abraham, W. C. **Modulation of hippocampal long-term potentiation and long-term depression by corticosteroid receptor activation** ..... 123
- Kesner, R. P. See Hunt, M. E.
- Korhonen, T. See Penttonen, M.
- Korsmit, M. See Fleming, A. S.
- Krauss, K. L. See Flaherty, C. F.
- Kuchera, C. See Fleming, A. S.
- Lauterbach, M. D. See Raz, S.
- LeCompte, B. B., III. See Dahl, D.
- Lee, A. See Fleming, A. S.
- Lennartz, R. C., & Weinberger, N. M. **A comparison of non-specific and nictitating membrane conditioned responses: Additional support for two-factor theories** ..... 5
- LeVere, S. D., & LeVere, T. E. **Old age and cognition: Evaluation of a human short-term memory test with nonhuman primates and the memory-enhancing effects of nimodipine** ..... 106
- LeVere, T. E. See LeVere, S. D.
- Macrae, M. See:  
Cox, J.  
Kehoe, E. J.
- Magill, L. H. See Raz, S.
- McBride, C. B. See Wong, R.
- McGaugh, J. L. See:  
Packard, M. G.  
Williams, C. L.
- McKinney, W. M. See Schmelzeis, M. C.
- Meehan, S. M., Gordon, T. L., & Riccio, D. C. **Noncontingent exposure to the unconditioned stimulus attenuates state-dependent memory loss** ..... 219
- Messier, C., & Destrade, C. **Insulin attenuates scopolamine-induced memory deficits** ..... 16
- Moreira, G. M. S. See Almeida, S. S.
- Murphy, C. See Craft, S.
- Myhrer, T., & Johannesen, T. S. **Cognitive and mnemonic dysfunctions in rats with hippocampal-entorhinal lesions: Attenuating effects of glycine injections** ... 61
- Nader, K., & van der Kooy, D. **The motivation produced by morphine and food is isomorphic: Approaches to specific motivational stimuli are learned** ..... 68
- Owen, M. See Wong, R.
- Packard, M. G., & McGaugh, J. L. **Quinpirole and d-amphetamine administration posttraining enhances memory on spatial and cued discriminations in a water maze** ..... 54
- Packard, M. G. See Williams, C. L.
- Papka, M. See Woodruff-Pak, D. S.
- Penttonen, M., Korhonen, T., Arikoski, J., Ruusuvirta, T., & Hugdahl, K. **Unilateral medial forebrain bundle activation selectively enhances conditioned orienting head turns and ipsilateral cingulate cortex evoked field responses in cats** ..... 22
- Porter, C. L. See Raz, S.
- Raaijmakers, W. See Blokland, A.
- Raz, S., Goldstein, R., Hopkins, T. L., Lauterbach, M. D., Shah, F., Porter, C. L., Riggs, W. W., Magill, L. H., & Sander, C. J. **Sex differences in early vulnerability to cerebral injury and their neurodevelopmental implications** ..... 244
- Riccio, D. C. See Meehan, S. M.
- Riggs, W. W. See Raz, S.
- Roberts, A. E. See Schmelzeis, M. C.
- Ronca, A. E., & Alberts, J. R. **Sensory stimuli associated with gestation and parturition evoke cardiac and behavioral responses in fetal rats** ..... 270
- Rose, G. M. See Diamond, D. M.
- Rossi-Arnaud, C., & Ammassari-Teule, M. **Radial maze performance in inbred mice: Evidence for strain-dependent neural nets subserving spatial learning abilities** ... 320
- Ruusuvirta, T. See Penttonen, M.
- Salvador, A. See Borrás-Valls, J. J.
- Sander, C. J. See Raz, S.
- Schenk, F. See Gisquet-Verrier, P.
- Schicatano, E. J., & Blumenthal, T. D. **Caffeine delays habituation of the human acoustic startle reflex** ..... 117
- Schmelzeis, M. C., Roberts, A. E., & McKinney, W. M. **Cognitive activities modulate cerebral hemovelocities** ..... 254
- Shah, F. See Raz, S.
- Simón, V. M. See Borrás-Valls, J. J.
- Thomas, R. K. **A critique of Nakagawa's (1993) "Relational rule learning in the rat"** ..... 347
- van der Kooy, D. See Nader, K.
- Watson, J. E., & White, K. G. **The effect of phenobarbital on**

<b>rate of forgetting and proactive interference in delayed matching to sample</b> .....	31
Weinberger, N. M. See Lennartz, R. C.	
Wemstrom, J. See Craft, S.	
Wenk, G. <b>David S. Olton: In remembrance</b> .....	93
Westbrook, R. F. See Foo, H.	
White, K. G. See Watson, J. E.	
Wiig, K. A., & Bilkey, D. K. <b>Subtotal perirhinal cortex lesions increase exploratory behavior in the rat without producing deficits in the Morris water maze</b> .....	195
Williams, C. L., Packard, M. G., & McGaugh, J. L. <b>Amphetamine facilitation of win-shift radial-arm maze retention: The involvement of peripheral adrenergic and central dopaminergic systems</b> .....	141
Winocur, G. See Fleming, A. S.	
Wong, R., McBride, C. B., & Owen, M. <b>Dexamethasone and flavor neophobia in hamsters</b> .....	203
Woodruff-Pak, D. S., Coffin, J. M., & Papka, M. <b>A substituted pyrrolidinone, BMY 21502, and classical conditioning of the nictitating membrane response in young and older rabbits</b> .....	312

#### FORTHCOMING ARTICLES

<i>Psychobiology</i> Articles in Press .....	85
	180
	259
	349

#### GUIDLINES FOR AUTHORS

Submissions, Formats, Permissions, Tables, Computer Disks, Figures, Proof, Reprints .....	87
---	----

#### NOTICES AND ANNOUNCEMENTS

Third Annual Meeting of the International Behavioral Neuroscience Society .....	86
35th Annual Meeting of the Psychonomic Society .....	260
The Compilation of a History of the Psychonomic Society .....	260
Fourth International Behavioral Neuroscience Society Conference .....	261
XXVI International Congress of Psychology .....	350
International Congress to Celebrate the Centennial of Jean Piaget's Birth .....	350